

Math 9: Exponent Rules PRACTICE Quiz

1. Simplify, then **Evaluate** (Answer with just a number)

a) $(2^3 - 2)^2 + 2^{12} \div 2^9$

b) $\frac{(-4)^4}{-4^2+4^3}$

c) $-(3^2 + 4)^2 - 7^3$

2. **Solve** for a

$\frac{2^{5a+6}}{2^{3a-1}} = 2$

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